



OCM



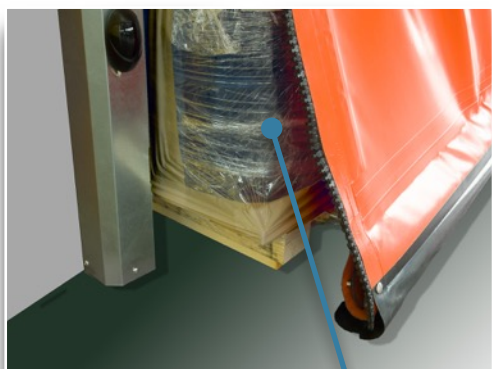
# OCMFLEX

SELF-REPAIRING ROLLER DOORS

# SELF-REPAIRING ROLLER DOORS



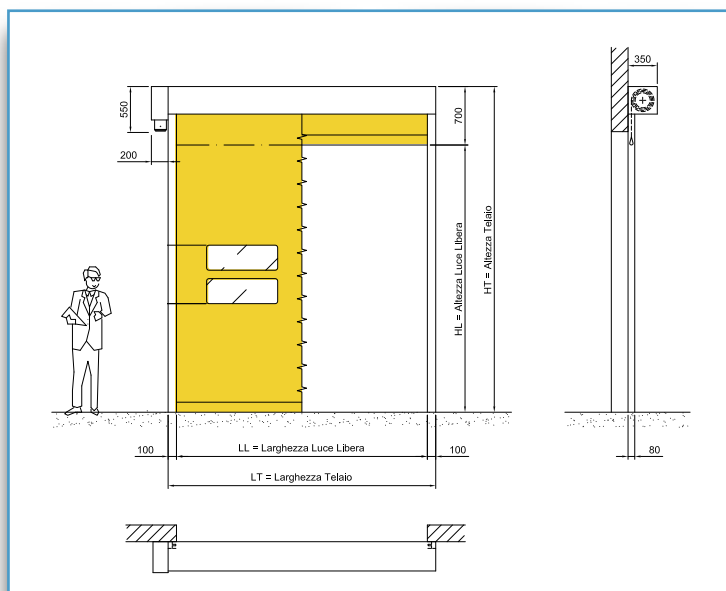
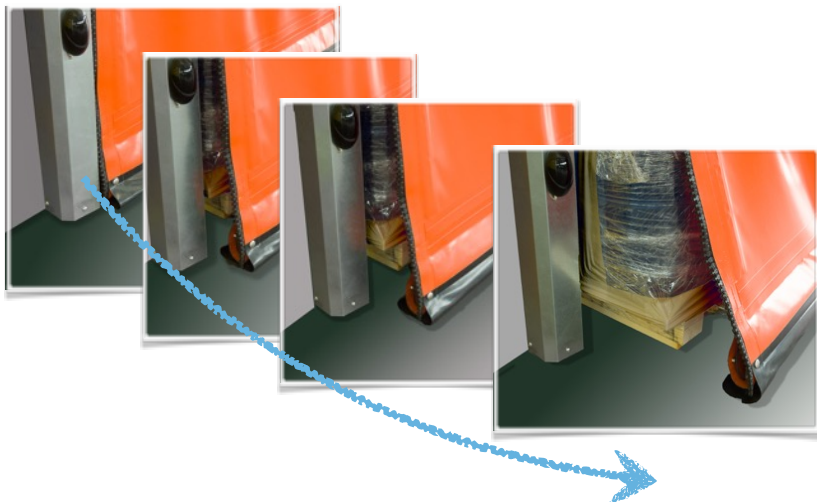
*HIGH THERMIC AND ACOUSTIC ISOLATION IS GUARANTEED BY AVOIDING ANY AIR ENTERING THE ENTIRE PERIMETER*



*THE SELF-REPAIRING SYSTEM ABSORBS ENERGY ON IMPACT TO THE CURTAIN, ALLOWING IT TO TEAR AWAY FROM GUIDES AND AVOIDING DAMAGES. AFTERWARDS THE CURTAIN IS RESET AUTOMATICALLY FOR THE FOLLOWING OPENING*



# SELF-REPAIRING ROLLER DOORS



## APPLICATIONS

- pharmaceutical industry
- industrial kitchens
- warehouses
- clean rooms
- food preparation areas
- supermarkets / hypermarkets
- noise control
- dust control

## FEATURES

- high opening speed
- ideal for frequent passage
- safe, quiet and reliable
- excellent wind resistance
- reduces thermal dispersions
- improves comfort inside the premises
- automatically timed closure
- wide range of opening commands

## TECHNICAL SPECIFICATIONS

### STRUCTURE:

bent sheet of galvanized or painted steel, stainless steel option

### MOTOR:

three-phase self-braking geared motor, IEC standardized, suitable for continuous use. Gearbox lubricated for life

### SPEED:

up to 2 m/s, depending on size

### GUIDES:

high density polyethylene

### FLEXIBLE CURTAIN:

polyester fabric coated in PVC, rectangular, transparent sections with rounded corners

### MANUAL LIFTING:

hexagonal wrench on the engine for manual handling. Optional ground crank

### ELECTRICAL PANEL:

power supply 230 V single-phase. Electronic card with industrial inverter. Plastic Box IP56, optional in metal box

### SAFETY:

safety edge in electro-conductive rubber with a radio link. Photocells on the guides

### NORMATIVE:

CE marking in accordance to European Product Rule EN 13241-1

# SELF-REPAIRING ROLLER DOORS

## STRUCTURE:

can be made of galvanized, INOX, or painted steel. High mechanical strength for a reliable operation of the self-repairing system

## FLEXIBLE CURTAIN:

polyester fabric covered in PVC. Transparent rectangular sections with rounded edges

## GUIDES:

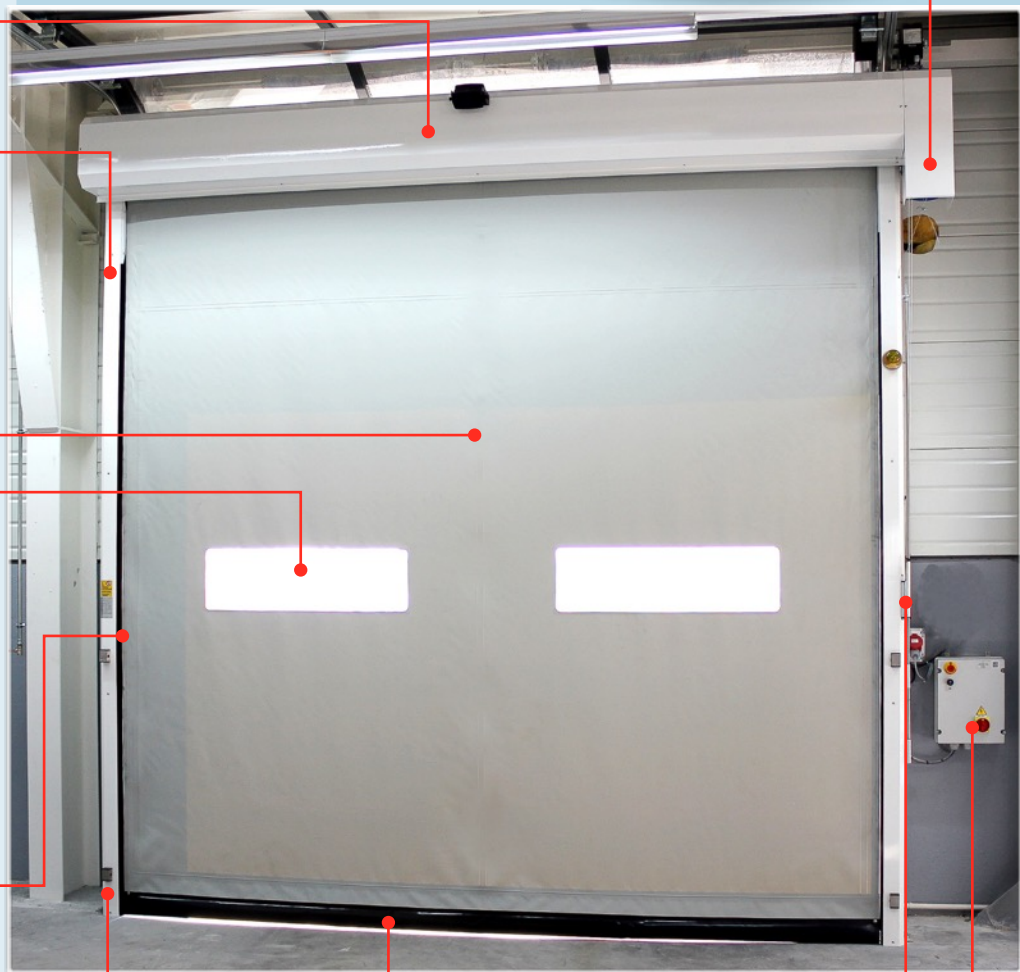
extruded polyethylene profiles of high density mounted on moving support made with adjustable compression springs

## SAFETY:

safety edge inserted in the lower part of the curtain to detect obstacles and order the engine to bring the curtain back to the opening position. Photocells on the guides for a high level of security

## MOTOR:

three-phase, self-braking motor, standardized IEC, suitable for continuous use. Gearbox lubricated for life



## MANUAL LIFTING:

hexagonal wrench on engine for manual handling. Optional ground crank

## ELECTRICAL PANEL:

power supply 230 V single phase. Electronic card with industrial inverter. Plastic box IP56, optional metal box

# SELF-REPAIRING ROLLER DOORS



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## Automatic openings and control panels



### REMOTE CONTROL

The transmitters (portable or by forklift) control the opening of one or more doors by receivers in control panels



### PHOTOCELL

Infrared sensor detecting presence and controlling door opening



### METAL-DETECTOR

Metal objects are detected by one or more sensory loops under flooring which control door opening



### PUSH-BUTTONS

A simple button controls the opening of the door. In some cases a pedestrian button may be useful for partial opening



### RADAR

Microwave sensor detecting movement and controlling door opening. Sensitivity, direction and other modifiable options



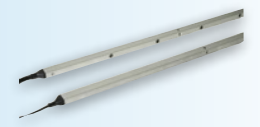
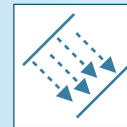
### PULL CORD

In galvanized steel with high mechanical resistance. Easy to replace in case of impact



### TRAFFIC LIGHT

Two lights regulating vehicles crossing the door. The green light lights up only when the door is completely open. Other types of customized operations available



### SAFETY LIGHT CURTAIN

Made up of a series of photoelectric rays, providing a higher safety level than that provided by a single photocell. Also installable on existing doors

### ELECTRICAL CONTROL PANEL

Single phase 230V power supply. Electronic board with industrial inverter. Plastic IP56 box, optional in metal box



### INDUSTRIAL INVERTER

Designed to drive high-powered industrial motors. Both operating mode and operating parameter offer a vast range of configurations. Integrated motor protection. Possible to change rotation speed of the motor



# SELF-REPAIRING ROLLER DOORS

## Curtain colours



BEIGE RAL1015



YELLOW RAL1021



ORANGE RAL2004



BLUE RAL5012



RED RAL3002



BLUE RAL5002



GREEN RAL6026



WHITE RAL9016



GREY RAL7040



BLACK RAL9005

- Polyester 1100 dtex coated with PVC on both sides
- Total weight minimum 900 gr/m<sup>2</sup>
- Thickness 0.6 mm
- Traction strength 3000 N / 50 mm (both in warp and weft)
- Laceration strength 400 N (in both warp and weft)
- Flame resistant in class B according to European standard EN 13501-1
- With or without transparent visibility
- Versions for special use
- Wide range of colours available
- Possibility of printing logos or images



# THE COMPANY

OCM is an Italian company which exports worldwide, and is a leader in the production and installation of a wide range of industrial doors and equipment associated with them. Our company has been growing steadily over the last 60 years thanks to its ability to offer customers the best materials and the most reliable service on the market. We offer a line of high-quality industrial doors and have developed an enviable reputation for our commercial support and responsiveness to the customer. The level of our service will exceed your expectations. We wish to offer our products by following two guidelines: the best value for money and reliability. Our broad range of products allows us to satisfy any kind of industrial, commercial and residential application. They are the best solution for any building, they increase productivity and energy efficiency, and consequently affordability.



**OCMFLEX**

**Industrial Doors company**

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